

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

MAY 19 2004

(use as many sheets as necessary)

Sheet 1 of 6

**Complete if Known**

Application Number	09/954,449
Filing Date	09/17/2001
First Named Inventor	Yong Wang
Group Art Unit	2856-2857
Examiner Name	Unknown - Anthony Gutierrez
Attorney Docket Number	1012-125(2001-023)

**U.S. PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
		1,870,412		H.T. Kennedy	08/09/1932	
		3,071,961		J. J. Heigl et al.	01/08/1963	
		3,675,475		Weinstein	07/11/1972	
		3,713,328		Aritomi	01/30/1973	
		3,798,960		Glass	03/26/1974	
		3,805,598		Corcoran	04/23/1974	
		3,818,751		Karper et al.	06/25/1974	
		3,849,874		Jeffers	11/26/1974	
		3,895,513		Richardson	07/22/1975	
		3,908,441		Virloget	09/30/1975	
		3,933,032		Tschoegl	01/20/1976	
		4,229,979		Greenwood	10/28/1980	
		4,447,125		Lazay et al.	05/08/1984	
		4,517,830		Gunn, deceased et al.	05/21/1985	
		4,570,478		Soong	02/18/1986	
		4,599,219		Cooper et al.	07/08/1986	
		4,567,774		Manahan et al.	02/04/1986	
		4,602,501		Hirata	07/29/1986	
		4,605,589		Orphanides	08/12/1986	
		4,680,958		Ruelle et al.	07/21/1987	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
AG			JP402297040A		Akaha Toru	12/07/1990		
			WO 00/23921		Symyx Technologies, Inc.	04/27/2000		
			WO 99/18431		Symyx Technologies, Inc.	04/15/1999		
			WO 98/15501		Symyx Technologies, Inc.	04/16/1998		
AG			WO 00/51720		Symyx Technologies, Inc.	09/08/2000		
			WO 00/67086		Symyx Technologies, Inc.	11/09/2000		
AG			WO 00/36410		Symyx Technologies, Inc.	06/22/2000		
			WO 00/40331		Symyx Technologies, Inc.	07/13/2000		
			WO 00/17413		Symyx Technologies, Inc.	03/30/2000		
			WO 01/79949		Symyx Technologies, Inc.	10/25/2001		

Examiner Signature

Date

Considered

6-8-04

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Substitution for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)		<b>Complete If Known</b>	
Application Number		09/954,449	
Filing Date		09/17/2001	
First Named Inventor		Youqi Wang	
Group Art Unit		2856 2857	
Examiner Name		Unknown Anthony Gutierrez	
Attorney Docket Number		1012-125(2001-023)	

U.S. PATENT DOCUMENTS						
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		Number	Kind Code* (if known)			
		4,685,328		Huebner et al.	08/11/1987	
		4,699,000		Lashmore et al.	10/13/1987	
		4,715,007		Fujita et al.	12/22/1987	
		4,740,078		Daendliker et al.	04/26/1988	
		4,749,854		Martens	06/07/1988	
		4,789,236		Hodor et al.	12/06/1988	
		4,793,174		Yau	12/27/1988	
		4,829,837		Telfer	05/16/1989	
		4,893,500		Fink-Jensen	01/16/1990	
		4,899,575		Chu et al.	02/13/1990	
		4,899,581		Allen et al.	02/13/1990	
		4,932,270		Lurie et al.	06/12/1990	
		4,975,320		Goldstein et al.	12/04/1990	
		5,008,081		Blau et al.	04/16/1991	
		5,051,239		von der Goltz	09/24/1991	
		5,092,179		Ferguson	03/03/1992	
		5,115,669		Fuller et al.	05/26/1992	
		5,142,900		Duke	09/01/1992	
		5,193,383		Burnham et al.	03/16/1993	
		5,236,998		Lundeen et al.	08/17/1993	

[illegible]

Examiner Signature	<i>Ann Marie Carter</i>	Date Considered	6-8-04
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Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> MAY 19 2004 (use as many sheets as necessary)		<b>Complete if Known</b>	
Sheet <u>3</u> of <u>6</u>		Application Number <u>09/954,449</u> Filing Date <u>09/17/2001</u> First Named Inventor <u>Youqi Wang</u> Group Art Unit <u>2856</u> Examiner Name <u>Unknown</u> Attorney Docket Number <u>1012-125(2001-023)</u>	

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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		5,269,190		Kramer et al.	12/14/1993	
		5,271,266		Eschbach	12/21/1993	
		5,272,912		Katsuzaki	12/28/1993	
		5,280,717		Hosney et al.	01/25/1994	
		5,303,030		Abraham et al.	04/12/1994	
		5,305,633		Weissenbacher et al.	04/26/1994	
		5,398,885		Andersson et al.	03/21/1995	
		5,437,192		Kawamoto et al.	08/01/1995	
		5,438,863		Johnson	08/08/1995	
		5,452,614		Kato et al.	09/26/1995	
		5,452,619		Kawanabe et al.	09/26/1995	
		5,481,153		Turner	01/02/1996	
		5,517,860		Lin et al.	05/21/1996	
		5,520,042		Garritano et al.	05/28/1996	
		5,532,942		Kitamura et al.	07/02/1996	
		5,610,325		Rajagopal et al.	03/11/1997	
		5,626,779		Okada	05/06/1997	
		5,699,159		Mason	12/16/1997	
		5,700,953		Hlady et al.	12/23/1997	
		5,723,792		Miyazaki	03/03/1998	

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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
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**INFORMATION DISCLOSURE  
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MAY 19 2004

(use as many sheets as necessary)

Sheet	4	of	6
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**Complete If Known**

<b>Application Number</b>	09/954,449
<b>Filing Date</b>	09/17/2001
<b>First Named Inventor</b>	Youi Wang
<b>Group Art Unit</b>	2856
<b>Examiner Name</b>	Unknown
<b>Attorney Docket Number</b>	1012-125(2001-023)

## U.S. PATENT DOCUMENTS

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		Number	Kind Code <sup>2</sup> (if known)			
		5,728,532		Ackley	03/17/1998	
		5,756,883		Forbes	05/26/1998	
		5,764,068		Katz et al.	06/09/1998	
		5,776,359		Schultz et al.	07/07/1998	
		5,817,947		Bergerus	10/06/1998	
		5,821,407		Sekiguchi et al.	10/13/1998	
		5,847,283		Finot et al.	12/08/1998	
		5,877,428		Scolton	03/02/1999	
		5,892,157		Syrè	04/06/1999	
		5,922,967		Motoyama	07/13/1999	
		5,959,297		Weinberg et al.	09/28/1999	
		5,985,356		Schultz et al.	11/16/1999	
		5,999,887		Giannakopoulos et al.	12/07/1999	
		6,004,617		Schultz et al.	12/21/1999	
		6,010,616		Lewis et al.	01/04/2000	
		6,013,199		McFarland et al.	01/11/2000	
		6,030,917		Weinberg et al.	02/29/2000	
		6,033,913		Morozov et al.	03/07/2000	
		6,034,240		La Pointe	03/07/2000	
		6,034,775		McFarland et al.	03/07/2000	

## FOREIGN PATENT DOCUMENTS

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**Examiner  
Signature**

Date Considered

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Sheet 1 of 0

## Complete if Known

Application Number	09/954,449
Filing Date	09/17/2001
First Named Inventor	Youqi Wang
Group Art Unit	2856 2857
Examiner Name	Unknown Anthony C. [unclear]
Attorney Docket Number	1012-125(2001-023)

## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
AG		ODIAN, Principles of Polymerization, 3rd Ed., John Wiley & Sons, Inc. (1991)	
AG		YOUNG, W.C., Roark's Formulas for Stress and Stain, 1989	
AG		TIMOSHENKO, S., Theory of Plates and Shells, McGraw-Hill, New York 1940	
AG		OSTERBERG, Peter M. and Stephen D. Senturia, "M-TEST: A Test Chip for MEMS Material Property Measurement Using Electrostatically Actuated Test Structures," Journal of Microelectromechanical Systmes, Vol. 6, No. 2, June 1997	
AG		KIM, J.O. and B. Lewis Slaten, "Objective Assessment of Fabric Handle in Fabrics Treated With Flame Retardants," Journal of Testing and Evaluation, JTEVA, Vol. 24, No. 4, July 1996, pp. 223-228.	
AG		GROVER, G. et al., "A Screening Technique for Fabric Handle", J. Text. Inst., 1993, 84 No. J. Textile Institute, pp. 486-494.	
AG		PAN, NING and K.C. Yen, "Physical Interpretations of Curves Obtained Through the Fabric Extraction Process for Handle Measurement," Textile Research Journal 62(5), pp. 279-290 (1992).	
AG		"Handle-O-Meter", Thwing-Albert Instrument Company, Philadelphia, PA.	
AG		RAEEL, MASTURA and Jiang Liu, "An Empirical Model for Fabric Hand" Textile Research Journal 62, 1, pp. 31-38 (1991).	
AG		ALI, S.I. and Shahida Begum, "Fabric Softeners and Softness Perception", Ergonomics, v.37, No. 5, pp. 801-806 (1994).	

Examiner Signature	<i>Anthony C. [unclear]</i>	Date Considered	6-8-04
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Sheet 1 of 0

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Application Number 09/954,449  
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First Named Inventor Youqi Wang  
Group Art Unit 2856 2857  
Examiner Name Unknown Anthony Gussner  
Attorney Docket Number 1012-125(2001-023)

## **OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
AG		"DMA 2980 Dynamic Mechanical Analyer," <a href="http://www.tainst.com/dma2.html">http://www.tainst.com/dma2.html</a> , 12/29/00	
AG		"Introducing the NEW DMTA VI!", <a href="http://www.rheometricsscintific.com/dmtaV.htm">http://www.rheometricsscintific.com/dmtaV.htm</a> , 12/29/00	
AG		"Standard Test Method for Rubber Property-Intrenational Hardness," American Society for Testing and Materials	
AG		AMITAY-SADOVSKY, ELLA and H. Daniel Wagner, "Evaluation of Young's Modulus of Polymers from Knoop Microindentation Tests" Polymer Communications, 1998, vol. 39, no. 11, pp. 2387-2390.	
AG		CALLEJA, F.J. BALTA, "Microhardness Studies of Polymers and Their Transitions" TRIP, December 1994, vol. 2, no. 12, pp. 419-425	
AG		BOWLT, C., "A Simple Capillary Viscometer" Physics Education, March 1975, vol. 10, no. 2, pp. 102-103	
AG		LACOMBE, ROBERT H. and Jeremy Greenblatt, "Mechanical Propoerties of Thin Polyimide Films" pp. 647-668	
AG		SHINOZAKI, D.M. and Y. Lu, "Micro-Indentation Relaxation Measurements in Polymer Thin Films" Journal of Electronic Materials, 1997, vol. 26, no. 7, pp. 852-858	
AG		WIERENGA, P.E. and A.J.J. Franken, "Ultramicroindentation Apparatus for the Mechanical Characterization of Thin Films" J. Appl. Phys., June 15, 1984, 55 (12).	
AG		European Search Report dated December 10, 2001	

Examiner Signature

*Anthony Gussner*

Date Considered

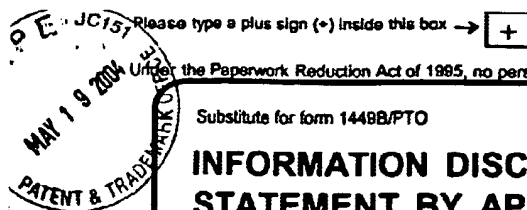
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Sheet 1

of 0

### Complete If Known

Application Number	09/954,449
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First Named Inventor	Youqi Wang
Group Art Unit	2856 2857
Examiner Name	Unknown Anthony Gutierrez
Attorney Docket Number	1012-125(2001-023)

### OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
AG		U.S. Application Serial No. 09/420,334 entitled "Graphic Design of Combinatorial Material Libraries" (Lacy, et al.) filed on October 18, 1999	
		U.S. Patent Application Serial No. 09/305,830 titled "Synthesizing Combinatorial Libraries of Materials" (Rust, et al.) filed on May 5, 1999	NON-INITIALED
AG		U.S. Application Serial No. 09/550,549 entitled "Automated Process Control And Data Management System And Methods" (Crevier, et al.) filed on April 14, 2000	CITATIONS
		U.S. Application Serial No. 09/755,623 entitled "Laboratory Database System and Methods For Combinatorial Materials Research" (Dorsett, Jr., et al.) filed on January 5, 2001.	ALL
AG		The family of applications for U.S. Application Serial No. 09/227,558 entitled, "Apparatus and Method of Research for Creating and Testing Novel Catalysts, Reactions and Polymers" (Turner et al.) filed January 8, 1999	DUPLICATE
		U.S. Application Serial No. 09/235,368 entitled "Polymerization Method From the Combinatorial Synthesis and Analysis of Organometallic Compounds and Catalysts" (Weinberg et al.) filed on January 21, 1999	
		<del>U.S. Provisional Application Serial No. 60/122,704 entitled "Controlled, Stable-Free Radical Emulsion and Water-Based Polymerizations" (Klaerner et al.) filed on March 9, 1999</del>	
AG		The family of applications for U.S. Application Serial No. 09/156,827 entitled "Formation of Combinatorial Arrays of Materials Using Solution-Based Methodologies" (Giaquinta et al.) filed September 18, 1998	
AG		The family of applications for U.S. Application Serial No. 09/567,598 entitled "Polymer Libraries on a Substrate, Method for Forming Polymer Libraries on a Substrate and Characterization Methods with Same" (Boussie et al.) filed May 10, 2000	
		U.S. Application Serial No. 09/579,338 entitled "Rheo-Optical Indexer and Method of Screening and Characterizing Arrays of Materials" (Carlson et al.) filed on May 25, 2000	
		The family of applications for U.S. Application Serial No. 09/580,024 entitled "Instrument for High Throughput Measurement of Material Physical Properties and Method of Using Same" filed on May 26, 2000	

Examiner Signature

*Anthony Gutierrez*

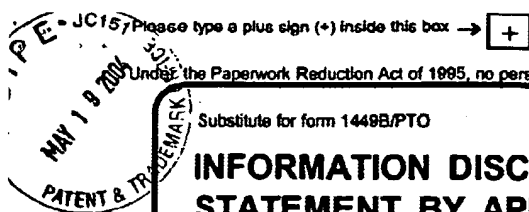
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 808. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	09/954,449
		Filing Date	09/17/2001
		First Named Inventor	Youqi Wang
		Group Art Unit	2856 2857
		Examiner Name	Unknown - Anthony Carls
Sheet 1	of 0	Attorney Docket Number	1012-125(2001-023)

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		U.S. Patent Application Serial No. 09/939,404 entitled "High Throughput Mechanical Property and Bulge Testing of Material Libraries," (D. Hajduk et al.) filed on August 24, 2001.	
		U.S. Patent Application Serial No. 09/939,252 entitled "High Throughput Mechanical Rapid Serial Property Testing of Material Libraries," (P. Manksy) filed on August 24, 2001.	
		U.S. Patent Application Serial No. 09/939,139 entitled "High Throughput Fabric Handle Screening," (M. Kossuth et al.) filed on August 24, 2001.	
		U.S. Patent Application Serial No. 09/939,149 entitled "High Throughput Rheological Testing Of Materials" (Paul Manksy et al.) filed on August 24, 2001.	
		U.S. Patent Application Serial No. 09/939,263 entitled "High Throughput Mechanical Property Testing of Materials Libraries Using Capacitance," (D. Hajduk et al.) filed on August 24, 2001.	
		U.S. Patent Application Serial No. 09/938,994 entitled "High Throughput Mechanical Property Testing of Materials Libraries Using a Piezoelectric," (D. Hajduk) filed on August 24, 2001.	
AG		The family of applications for U.S. Patent Application Serial No. 09/174,856 titled "Graphic Design of Combinatorial Material Libraries" (Lacy, et al.) filed on October 19, 1998.	
		U.S. Application Serial No. 09/578,997 entitled "High Throughput Viscometer and Method of Using Same" filed May 25, 2000	

NON -  
(INITIALS)  
CITATIONS  
ARE  
DUPLICATE

Examiner Signature	<i>Anthony Carls</i>	Date Considered	6-8-04
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